

IN THE CLAIMS

1-7. (Cancelled)

8. (Currently Amended) An ultrasonic shock wave head for lithotripsy, comprising:

a shock wave source that emits an ultrasonic shock wave;

a unitary, one-piece molded element;

said molded element comprising a lens configuration therein forming an acoustic lens deposited in a path of said ultrasonic shock wave having a shape that focuses said for focusing such ultrasonic shock wave; and

said lens molded element comprising having a support housing for said shock wave source configuration therein, integrally molded as one piece with said lens configuration, said shock wave source being disposed in said support housing configuration having a shape that holds said shock wave source in said molded element, and said shock wave source being retained in said molded element by said support housing configuration.

9. (Currently Amended) An ultrasonic shock wave head as claimed in claim 8, (said wherein said shock wave source has an annular shape and wherein said support housing configuration comprises walls integrally molded therein forming an annulus, said shock wave source being disposed and held in said annulus.

10. (Currently Amended) An ultrasonic shock wave head as claimed in claim 8 comprising a chamber molded into said support housing configuration between said shock wave source and said lens configuration.

11. (Currently Amended) An ultrasonic shock wave head as claimed in claim 10 comprising a channel molded into said support housing configuration communicating said chamber with an exterior of said support housing molded element, and being adapted configured to convey fluid from the exterior of said support housing molded element into said chamber.

12. (Currently Amended) [[an]] An ultrasonic shock wave head as claimed in claim 8, wherein said support housing configuration comprises a coupling space molded therein, disposed in said support housing configuration following said lens configuration in a direction of propagation propagation of said ultrasonic shock wave.

13. (Currently Amended) An ultrasonic shock wave head as claimed in claim 12 comprising a channel molded into said support housing configuration and communicating said coupling space with an exterior of said support housing molded element, said channel being adapted to convey fluid from said exterior of said support housing molded element into said coupling space.

14. (Currently Amended) An ultrasonic shock wave head as claimed in claim [[1]] 8 wherein said support housing has an exit face at which said ultrasonic shock waves exit from said support housing configuration and wherein said support housing configuration comprises an annular recess laterally surrounding said exit face and being adapted for fluid-type application of a coupling membrane thereto.